

DTC	RrACSW, FOOT	Rear Evaporator Temperature Sensor Circuit
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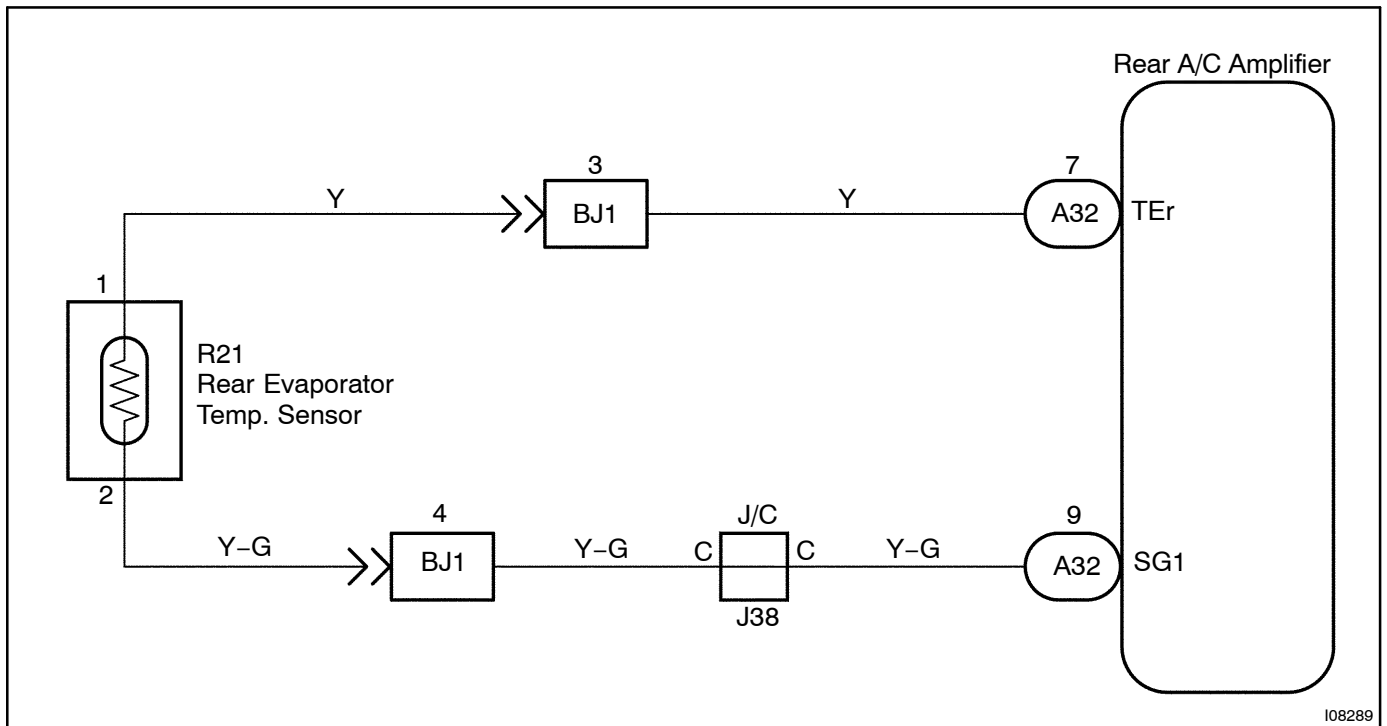
DTC	17	Rear Evaporator Temperature Sensor Circuit
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CIRCUIT DESCRIPTION

This sensor detects the rear evaporator temperature and sends the appropriate signals to the A/C amplifier.

Blinking light	Detection Item	Trouble Area
RrACSW, FOOT	Open or short in rear evaporator temperature sensor circuit.	• Rear evaporator temperature sensor. • Harness or connector between rear evaporator temperature sensor and rear A/C amplifier. • Rear A/C amplifier
DTC No.	Detection Item	Trouble Area
17	Open or short in rear evaporator temperature sensor circuit.	• Rear evaporator temperature sensor. • Harness or connector between rear evaporator temperature sensor and rear A/C amplifier. • Rear A/C amplifier

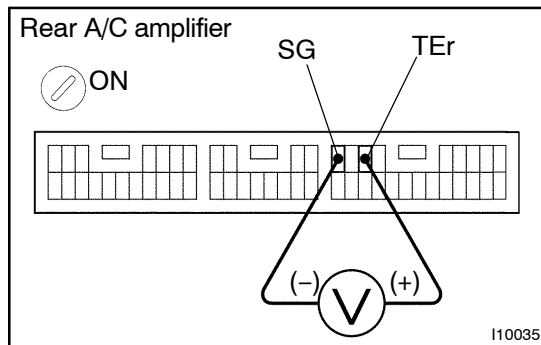
WIRING DIAGRAM



I08289

INSPECTION PROCEDURE

- | | |
|---|--|
| 1 | Check voltage between terminals TEr and SG of rear A/C amplifier connector. |
|---|--|

**PREPARATION:**

Remove rear A/C amplifier with connectors still connected.

CHECK:

- (a) Turn ignition switch to ON.
- (b) Measure voltage between terminals TEr and SG of rear A/C amplifier connector at each temperature.

OK:**Voltage :**

at 0°C (32°F) : 2.0 – 2.4 V

at 15°C (59°F) : 1.4 – 1.8 V

HINT:

As the temperature increases, the voltage decreases.

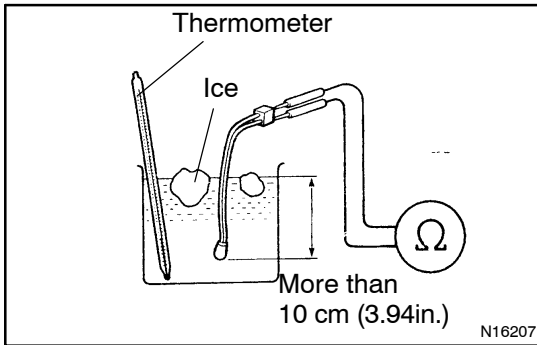
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Go to step 2.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-908](#)). However, if RrACSW and FACE indicators light up (or DTC 17 is displayed), check and replace A/C amplifier.

2 Check rear evaporator temperature sensor.



PREPARATION:

Remove rear evaporator temperature sensor (See page [AC-35](#)).

CHECK:

Measure resistance between terminals 1 and 2 of evaporator temperature sensor connector at each temperature.

OK:

Resistance :

at 0°C (32°F) : 4.5 – 5.2 kΩ

at 15°C (59°F) : 2.0 – 2.7 kΩ

HINT:

As the temperature increases, the resistance decreases.

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Replace rear evaporator temperature sensor.

OK

3 Check harness and connector between A/C amplifier and rear evaporator temperature sensor (See page [IN-34](#)).

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Repair or replace harness or connector.

OK

Check and replace A/C amplifier.